

ELASTOMERIC INTUMESCENT MATERIAL

ABSTRACT OF THE INVENTION

[0056] A moldable elastomeric intumescent material comprises chlorinated polyethylene, plasticizers, phosphate based foaming agents, char forming materials, antioxidants, intumescent materials, flame retardant materials, and graphite and/or expandable graphite. A curing agent, and optionally a co-curing agent or an accelerator, may further be incorporated into the material to improve the rigidity of the material when it is exposed to fire. The composition also possesses enhanced intumescence and flame retardancy properties by the addition of graphite, and preferably expandable graphite, to the composition.